APPENDIX A.

VESSELS OF THE UNITED STATES NAVY, MARCH 4, 1861.

In Commission.

No. of vessels.	Class.	Name.	Station.
2	Sailing-frigates {	Congress Sabine	Home Squadron (Pensacola).
11	Sailing-sloops		Home Squadron (returning from Vera Cruz). Coast of Africa, Home Squadron (Vera Cruz). Coast of Africa, Pacific, Coast of Africa, East Indies. East Indies. Home Squadron (Pensacola). Pacific. Pacific.
3	Store-ships (sails)	Relief	Coast of Africa. New York. New York.
1	Screw-frigate	Niagara	Returning from Japan.
5	Screw-sloops (1st { class).	San Jacinto Lancaster Brooklyn Hartford Richmond	Coast of Africa. Pacific, Home Squadron (Pensacola), East Indies, Mediterranean.
8	Side-wheel steamers	Susquehanna Powhatan	Mediterranean. Home Squadron (returning from Vera Cruz). Pacific. Coart of Africa
8	Screw-sloops (2d {	Narragansett Iroquois Pawnee Wyoming Dacotah Pocahontas	Pacific. Mediterranean, Washington. Pacific. East Indies. Home Squadron (returning from Vera Cruz).
5	Screw-steamers (3d) class).	Wyandotte Mohawk Crusader Sumter Mystic	New York. Coast of Africa. Coast of Africa.
3	Side-wheel steamers	Michigan	Coast of Brazil.
1	Steam-tender	Saginaw Anacostia	East Indies. Washington.
42			

THE BLOCKADE AND THE CRUISERS.

AVAILABLE, BUT NOT IN COMMISSION.

No. of vessels.	Class.	Name.	Station.
1	Ship-of-the-line		Boston.
5	Sailing-frigates	Potomac Brandywine St. Lawrence Raritan Santee	New York. Philadelphia. Norfolk. Kittery.
9	Sailing-sloops	Dale	Norfolk, Philadelphia, Norfolk, Boston, San Francisco, Portsmouth, N. H. Portsmouth, N. H. Boston, Boston,
	Brigs	Perry	Norfolk. New York.
5	Screw-frigates	Merrimac Minnesota Wabash	Norfolk. Boston.
i	Screw-sloop (1st class) Side-wheel steamer Side-wheel steamer (8d } class).	Pensacola Mississippi Water Witch	Norfolk. Boston. Philadelphia.
27	Steam-tender	John Hancock	San Francisco.
	Un	SERVICEABLE.	
9	Ships-of-the-line {	Columbus Ohio North Carolina, Delaware New Orleans Alabama Virginia New York	Receiving ship, Norfolk. In ordinary, Norfolk, Receiving ship, Boston, Receiving ship, New York. In ordinary, Norfolk. On the stocks, Sackett's H'bi On the stocks, Kittery, On the stocks, Norfolk, Practice ship, Annapolis.
.	Sailing-frigates }	Columbia	In ordinary, Norfolk. In ordinary, Norfolk.
	Permanent store and receiving vessels (sails).	Independence Fredonia Falmouth Warren	Aspinwall.
	Permanent store and receiving vessels (steam).	Alleghany Princeton	Philadelphia.
1	Screw-frigate Side-wheel vessel Floating battery (steam).	Fulton	On the stocks, Kittery. In ordinary, Pensacola. Unfinished, Hoboken.

SUMMARY.

Class.	In commission.	Available, but not in commission,	Unser- viceable.	Total
Sailing-vessels: Ships-of-the-line		1	9	10
FrigatesSloops	2 11	5 9	8	10 20
BrigsStore-ships	3	8		3
Total	16	18	16	50
Steamers : Screw-fr gates	1	5	1	7
Screw-sloops, 1st class Side-wheel steamers, 1st class.	1 5 3 8	5 1 1	::	6 4
Screw-sloops, 2d class Side-wheel steamers, 2d class.		 	'i	8 1 5
Screw steamers, 3d class Side-wheel steamers, 3d class.	5 3 1	ï	• • • • • • • • • • • • • • • • • • • •	
TendersPermanent store-shipsFloating battery	1		'ż	2 2 2
Total	26	9	· 5	40
Total sail and steam	42	27	21	90

APPENDIX B.

VESSELS CONSTRUCTED OR PROJECTED, 1861-65.

UNARMORED VESSELS.

Name.	Guns.	Tonnage.	Remarks.
Ammonosuc Class. 7 screw-sloops: Ammonosuc (Iowa). Bon Homme Richard Chattanooga. Madawaska (Tennessee). Neshaminy (Nevada). Pompanosuc (Connecticut). Wampanoag (Florida).	17 to 19 1 17 20 17 17 17 17 19 15	3,213 to 3,713 ¹ 3,213 3,213 3,233 3,238 8,281 8,281 3,713 3,281	Never built. Sunk and after wards sold, 1872. Sold, 1877.
Idaho Class. 1 screw-sloop: Idaho	8	2,368	
8 screw-sloops, spar deck: Antietam. Guerriere Illinois. Java. Kewaydin (Pennsylvania). Minnetonka (California). Ontario (New York) Piscataqua (Delaware).	25 25 25 25 25 25 25 25 25 25	3,177 3,177 3,177 3,177 3,177 3,177 3,177 3,177 3,177	Sold, 1872. On the stocks, 1874. Sold, 1875.
Hassalo Class. 2 screw-sloops, spar deck: Hassalo Watauga	25 13 13	3,365 3,365 3,365	Never built, Never built,

 $^{^{1}\,\}mathrm{The}$ first figures under each class indicate the battery and tonnage as projected.

UNARMORED VESSELS-Continued.

Name.	Guns.	Tonnage,	Remarks.
Contoocook Class.			
10 screw-sloops, clippers, single			
deck:	13	2.348	
Arapahoe	13	2,348	Never built.
Contoocook (Albany)	13	2,348	Sold in 1872.
Kooppana	13		
Keosauqua		2,348	Never built.
Mandaniou (Worcester)	18	2,348	l
Mondamin	13	2,348	Never built.
Mosholu (Severn)	13	2,348	Sold, 1877.
Pushmataha (Congress)	13	2,348	
Tahgayuta	13	2,348	Never built.
Wanalosett	13	2,348	Never built.
Willamette	13	2,348	Never built.
Kearsarge Class.	.,	*	
4 screw-sloops:	8 to 10	1,023 (average).	'
Kearsarge	7	1.031	1
Oneida	9	1,032	Sunk, Yedo, 1870.
Tuscarora	10	997	
Wachusett	9	1.032	ľ
Shenandoah Class			1
screw-sloops:	8 to 16	1,367 to 1,533	
Canandaigua	9	1,395	
Lackawanna	ğ	1,533	
Monongahela	ğ	1,378	
Sacramento	9	1,010	TTT11 100W
Shenandoah	9	1,367 1,378	Wrecked, 1867.
Ticonderoga	9	1,533	
Ossipee Class.	ð	1,560	
screw-sloops:	10 to 13	1 040	. 1
		1,240	
Juniata	9	1,240	
Ossipee	9	1,240	
Adirondack	9	1,240	Wrecked near Aba
	_		co, Aug. 23, 1862
Housatonic	9	1,240	Sunk (torpedo) Feb. 17, 1864.
Serapis Class.			Feb. 17, 1864.
screw-sloops:	12	1,380	
Algoma (Benicia)	íž	1,380	Launched, 1869.
Confiance	12	1.380	Not built.
Detroit	12		Not built.
Meredosia	12	1,380 1,380	Not built.
Peacock	12	1,380	Not built.
Serapis.	12	1,380	
Taghkanic	12	1,380	Not built.
Talladega	12		Not built.
-	10	1,380	Not built.
Resaca Class.	•	204 . 225	
screw-sloops:	.8	881 to 900	
Nantasket	10	900	· #
Quinnebaug	10	881	
		900	0.13
Resaca Swatara	10 10	831	Sold.

UNARMORED VESSELS-Continued.

Name.	Guns.	Tonnage.	Remarks.
Nipsic Class.			-
8 screw-sloops:	7 to 12	593	1
Kansas	8	593	i
Maumee	4	593	Sold, 1869.
Nipsic	4	593	Cold, 2000.
Nyack	ี้ 8	593	1
Pequot	4	593	Sold, 1869.
Saco	ā	593	2000
Shawmut	š	593	
Yantic		••••	•
Unadilla Class.			
23 screw-gunboats:	4 to 7	507	
Aroostook			Sold, 1869.
Cayuga			Sold, Oct. 25, 1865
Chippewa			Sold, Nov. 30, 1865
Chocura			Sold, 1867.
Huron			Sold, May 14, 1869.
Itasca			Sold, Nov. 30, 1865.
Kanawha			Sold, 1866.
Katahdin			Sold, Nov. 20, 1865.
Kennebec		••••	Sold, Nov. 30, 1865
Kineo		••••	Sold.
Marblehead		• • • •	Sold.
Ottawa	• • • • •		Sold, Oct. 25, 1865.
Owasco		••••	Sold, 1865.
Pembina	• • • • •		Sold, 1865.
Penobscot			Sold, 1869.
Pinola	••••		Sold, 1865.
Sagamore	• • • •	• • • •	Sold, 1866.
Sciota		••••	Sunk (torpedo) 1865; sold, 1865
Seneca			Sold.
Tahoma			Sold, 1867.
Unadilla			Sold, 1869.
Winona			Sold, 1865.
Wissahickon	••••	••••	Sold, 1865.
Pinta Class.			
9 screw-tugs:	2	350	
Fortune	2	350	1
Leyden	2	350	
Mayflower	2	350	1
Nina	2	850	· ·
Palos	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	850	
Pinta	2	350	
Speedwell	2	850	
Standish	2	350	
Triana	2	350	
Pilgrim Class.			at .
2 screw-tugs:	2	170	
Maria	••••	••••	
Pilgrim		••••	1

UNARMORED VESSELS-Continued.

Name.	Guns.	Tonnage.	Remarks.
Octorara Class.		- ,	
12 side-wh'l stmrs, double-enders	7 to 11	730 to 950	1
Cimmerone	10	860	Sold.
Conemaugh	- 8 l	955	Sold, 1867.
Genesee	- Ă	803	Sold, 1867.
Mahaska	6	832	Sold.
Maratanza	6	786	Sold.
Miami.	7	730	Sold, 1865.
Octorara	6	829	Sold, 1866.
Paul Jones	6	863	Sold, 1867.
Port Royal	8	805	Sold, 1866.
Sebago	6	85 2	Sold.
Sonoma	6	955	Sold, 1867.
Tioga	6	819	Sold, 1867.
Sassacus Class.			
7 side-wh'l stmrs, double-enders:	10 to 14	974	
Agawam	8	974	Sold, 1867.
Algonquin	12	974	Sold, 1869.
Ascutney	. 8	974	Sold, 1868.
Chenango	8	974	Sold.
Chicopee	8	974	Sold, 1865.
Eutaw	8	974	Sold, 1865.
Ioseo.	8	974	~
Lenapee	8	974	Sold.
Mackinaw	8 8 8	974 974	Sold, 1867.
Massasoit	8	974 974	Sold, 1867. Sold, 1867.
Mattabesett	8	974	201d, 1001.
Mendota	8	974	Sold, 1867. Sold, 1868.
Metacomet Mingoe	8	974	Sold, 1867.
Osceola	8	974	Sold, 1867.
Otsego	8	974	Sunk (torpede
Otsego		011	Dec. 9, 1864.
Pawtuxet	8	974	Sold, 1867.
Peoria	8	974	Sold.
Pontiae	8	974	Sold, 1867.
Pontoosuc	8	974	Sold, 1866.
Sassacus	8	974	Sold.
Shamrock	8 8 8 8 8	974	Sold.
Tacony	8	974	Sold.
Tallahoma	8	974	Sold.
Tallapoosa	8	974	
Winooski	8	974	Sold.
Wyalusing	8	974	Sold, 1867.
Mohongo Class.			
7 side-wheel steamers, iron, dou-			
ble enders:	10	1,030	
Ashuelot	10	1,030	
Mohongo	10	1,034	Sold, 1870.
Monocacy	10	1,030	1
Muscoota	10	1,030	Sold, 1869. Sold, 1869.
Shamokin	10	1,030	
Suwanee	10	1,030	Wrecked.
Winnipec	10	1,030	Sold, 1869.

THE BLOCKADE AND THE CRUISERS.

UNARMORED VESSELS-Continued.

Name.	Guns.	Tonnage.	Remarks.
Wateree Class. 1 side-wh'l steamer, iron, double-	12	974	
ender:	22	914	
Wateree	12	974	Wrecked, 1868.

IRONCLADS.

Con columbus del de concelo (como			
Sea-going broadside vessels (case- mate):	1 1		
Dunderberg	10	× 000	l
Dunderberg	10	5,090	(Rochambeau)
Marin Transact days	1 40		sold, 1867.
New Ironsides	18	3,486	Burned, League Is
	1		land.
Sea-going turret vessels:			[
Dictator	2	3,033	
Puritan	4	3,265	·
Roanoke	6	3,435	
Kalamazoo Class.			
double-turret monitors:	4	3,200	
Kalamazoo (Colossus)	l à	3,200	
Passaconaway (Mass.)	4 4	3,200	
Quinsigamond (Oregon)	4	3,200 3,200	1
Shackamaxon (Nebraska)	4		
. ` `	4	3,200	
Monadnock Class.			
double-turret monitors:	4 XV-in.	1.564	
Agamenticus (Terror)	4 XV-in.	1.564	
Miantonomoh	4 XV-in,	1,564	
Monadnock	4 XV-in.	1,564	1
Tonawanda (Amphitrite)	4 XV-in.	1,564	'i
Onondaga Class.			,
double-turret monitor:	1 1	1,250	
Onondaga	4 4	1,250	Sold.
	*	1,200	Solu.
Winnebago Class.	ŀ		
double-turret monitors:	4 '	970	
Chickasaw	4	970	Sold, 1874.
Kickapoo (Kewaydin)	4	970	Sold, 1874.
Milwaukee	4	970	Sunk (torpedo)
· · · · · · ·			March 28, 1865.
Winnebago (Tornado)	4	970	Sold.
Canonicus Class.		ř.	
single turret vessels:	2	1.034	1 . 1
Canonicus	2 2 2 2	1,034	1
Catawba	2	1,034	Sold, 1868.
Mahopac	2	1,034	
Manayunk	2	1,034	1

IRONCLADS—Continued.

Name.	Guns.	Tonnage.	Remarks.
Canonicus Class—Continued. Manhattan Oneota Saugus Tippecanoe (Wyandotte) Tecumseh	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,034 1,034 1,084 1,084 1,084	Sold, 1868.
	~	2,001	Sank at Mobile.
Passaic Class. 10 single-turret vessels: Camanche Catskill Lehigh Montauk Nahant Nantucket Passaic Patapsco Sangamon (Jason) Weehawken	2 to 4	844 844 844 844 844 844 844 844 844 844	Sunk, Jan. 15, 1865. Sunk, Dec. 6, 1863.
Yazoo Class.			, , , , , , ,
20 single-turret vessels:	1 to 2	640 614 614 614 614 614 614 614 614 614 614	Broken up, 1874. Sold, 1874. Broken up, 1874. Sold, 1874. Broken up, 1874. Broken up, 1874. Broken up, 1874. Sold, 1874. N. O. Broken up, 1874. Sold, 1874. Sold, 1874.
2 single-turret vessels : Marietta Sandusky.	2 2 2	479 479 479	Sold, 1873. Sold, 1873.
3 single-turret vessels : Neosho (Osceola)	2 to 7 2 2 7	523 523 578	Sold, 1873. Sunk, 1865. Sold, 1865.
2 casemate vessels: Chillicothe Tuscumbia'	3 to 5 3 5	203 565	Sold, 1865. Sold, 1868.

MISCELLANEOUS.

Name.	Guns.	Tonnage.	Remarks.
Galena	6	738	
Indianola	4	442	Captured in 1863.
Keokuk	2	677	Sunk in 1863.
Monitor	2	776	Sunk in 1862.

APPENDIX C.

Instructions from Flag-Officer Goldsborough to Officers Commanding Blockading Vessels.

All officers commanding vessels employed on blockading service belonging to the squadron under my command, are to be governed by the following general directions in the discharge of their duties:

- 1. Duly notify neutrals of the declaration of the blockade, and give to it otherwise all the publicity in your power.
- The blockade must be strict and absolute, and only public armed vessels of foreign powers are to be permitted to enter the ports which are placed in a state of blockade.
- 3. Protect our commerce from the depredations of privateers, and, as a matter of course, capture them and all other vessels of the enemy whenever you can do so without being seduced away from your station.
- 4. A lawful maritime blockade requires the actual presence of an adequate force stationed at the entrance of the port, sufficiently near to prevent communication. The only exception to this rule arises out of the occasional temporary absence of the blockading vessels, produced by accident, as in the case of a storm, which does not suspend the legal operation of a blockade, and to take advantage of such an accidental absence is a fraudulent attempt to break the blockade, and will justify the application of penalties.
- 5. A neutral or foreign vessel, proceeding toward the entrance of a blockaded port, is not to be captured or detained if she shall not have received previously from one of the blockading squadron a special notification of the existence of the blockade. This notification must be inserted in writing on the register and muster-roll of the neutral vessel by the cruiser which meets her, and it should contain the announcement, together with statements of the day and the latitude and longitude in which it was made.

252 THE BLOCKADE AND THE CRUISERS.

- 6. Until the ports are closed by proclamation (that is, declared to be no longer ports of entry) the warning just mentioned is to be continued to vessels instead of capturing at once, as will be the case when they come to be so closed.
- 7. Vessels leaving guarded insurgent ports without legal clearances are to be seized and sent in for adjudication. If it be claimed that there is not an effective blockade, and therefore that they are entitled to depart, still they must not disregard our municipal laws and the requirements of the National Government.
- 8. On the coast of North Carolina more particularly, there is an extensive scheme of deliberately concerted measures to evade our vigilance and disregard our laws. This must be broken up, and every effort is to be made to accomplish the purpose effectually.
- 9. Vessels with contraband goods on board, approaching any of the blockaded ports, or vessels that may have cleared for any of these ports, or be found, with a due warning on their papers, hovering about any of them, are all to be seized and sent in for adjudication.

L. M. Goldsborough,

Flag-Officer.

September 28, 1861.

INDEX.

Adams, Charles Francis, 180, 190, 213

Alabama, the, 150; built, 190 et seq.; captures Ariel, 194; sinks the Hatteras, 195 et seq.; armament of, 206; fights Kearsarge, 207 et seq.; sunk, 212

Albemarle, the 97 et seq.; attempts made to destroy, 100 et seq.; destroyed, 104 et seq.

Atlanta, the, in Wassaw Sound, 116 et seq.

Bahia, neutrality of, violated, 187 Bailey, Commodore Theodorus, commands East Gulf squadron, 123 et seq.

Bankhead, Commander, commands Monitor, 79 et seq.

Bayou City, the, 147 et seq.

Beaufort, N. C., headquarters blockading squadron, 46, 94

Bell, Commodore Henry H., 141, 150 et seq.

Bermuda, usefulness to blockaderunners, 37 et seq., 153 et seq.

Runners, 37 et seq., 153 et seq.
Blockade, its establishment, 27 et seq.; prizes taken during, 44;
vessels destroved during, 44:

effect of, 44 et seq.; objects of, 83; Confederate view of, 88 et seq.

Blockade-runners, 34 et seq.; decisions against, 38 et seq.; stratagems of, 38 et seq., 91; description and history of, 153 et seq.

Blockading squadron, East Gulf, 123; difficulties of, 123 et seq.

Blockading squadron, Gulf, 121 et seq.

Blockading squadron, North Atlantic, 90 et seq.

Blockading squadron, South Atlantic, 90, 105 et seq.; disposition of, 115, 116

Blockading squadron, West Gulf, 123

British Government, warlike preparations of, 180 et seq.; violation of neutrality by, 190, 200, 225 et seq.

Brooke, Lieutenant John M., 22; restores Merrimac, 54

Brooklyn, the, 11, 121, 173 et seq., 195, 198

vessels destroyed during, 44; Buchanan, Captain Franklin, com-

ed, 68, 76

CAPE FEAR River, 91 et seq.

Chaplin, Lieutenant, bravery of, 86

Charleston, S. C., blockade of, 34,

Charleston, S. C., blockade of, 84, 84 et seq., 87 et seq., 107 et seq.; attempts to raise blockade of, 109, 111 et seq., 158 et seq.

Chicora, the, attempts to raise blockade of Charleston, 109 et seq.

Clarence, the, 186

Clifton, the, 143, 144 (note), 146 et seq., 152

Collins, Commander Napoleon, captures the Florida, 189; his act disavowed, 189 et seq.

Colorado, the, 121, 172

Confederate Government, naval policy of, 168 et seq.; its agents abroad, 182

Congress, the, 60 et seq.; taken, 64; burned, 65

Craven, Commodore, commands Potomac flotilla, 87 et seq.

Crocker, Acting Master, commands expedition to Sabine River, 142 et seq.

Crosman, Lieutenant, 124 et seq. Cumberland, the, 48, 52, 60 et seq.; sunk by the Merrimac, 63 et seq.

Cushing, Captain, daring exploits of, 94 et seq., 101, 161 Cuyler, the, 122, 135, 139

Dahleren, Admiral, 105 Downes, Commander, 117 et seq. Dupont, Admiral, 90, 105, 115

ERICSSON, John, plans monitor, 55

FARRAGUT, Admiral, 90, 123, 141, 145 et seq., 148, 150

Florida, blockade of, 124 et seq.

Florida, the, fights the Massachusetts, 132; runs blockade of Mobile, 137 et seq., 184 et seq.; captured at Bahia, 187

Flusser, Lieutenant-Commander, 97; killed, 98

Fisher, Fort, 90

Fox, Captain Gustavus V., 61 (note), 66 (note), 284 et seq.

Freeborn, the, 86

Galveston, Tex., blockaded, 35, 140 et seq., 143 et seq.

Georgetown, 87 et seq.

Georgia, the, built, 214; cruises, 214 et seq.; sold, 215

Goldsborough, Commodore L. M., 60, 76 et seq., 90 et seq.

Greene, Lieutenant S. Dana, on Monitor, 56, 69

Gunboats built, 19

Guns, naval, before and during the war, 2, 15; loss of, at Norfolk, 54

Hampton Roads, blockaded, 47, 82, 85

Handy, Captain Robert, 128, 131 Harriet Lane, 143, 144 (note), 146 et seg.; captured, 148

Hatteras Inlet, 90

Hatteras, the, 150; fights Alabama, 195 et seq.

Havana, a port for blockade-runners, 37

Housatonic, the, 111

Huntsville, the, 122, 136

IRONCLADS at the outbreak of the war, 2

Iroquois, the, 11; chases Sumter, 175

Isherwood, B. F., Engineer-in-Chief, 49

JAMESTOWN, the, 64, 66, 77 Jones, Lieutenant Catesby, commands Merrimac, 68

Kearsarge, the, 205; armament of, 206; fights Alabama, 207 et seq.

Keystone State, blockades Norfolk, 35; attacked by rams, 110

Key West, blockaded, 35, 83

Kittredge, Acting - Lieutenant, commands expedition to Corpus Christi, 142

LARDNER, Captain, 123

Lee, Acting Rear-Admiral, commands South Atlantic Squadron, 90

Lee, R. E., the, 156

McCauley, Commodore, 49, 51; destroys vessels at Hampton Roads, 51 et seq.

McKean, Flag Officer Wm. W., relieves Commodore Mervine, 123

Maffitt, Captain, 137 et seq.; commands the Florida, 184

Mallory, Confederate Secretary of Navy, 22

Manassas, the, 129

Maps, the Blockaded Coast, 36; Hampton Roads, 50; entrances to Cape Fear River, 92; entrances to Charleston Harbor, 106; passes of the Mississippi, 127; entrance to Mobile Bay, 133; Galveston Harbor and entrance, 145

Marston, Captain John, 60, 67 Mason, Confederate commissioner, seized, 177 et seg.

Massachusetts, the, at Key West, 35, 121, 132

Matamoras, its importance to blockade runners, 37

Mattabesett, the, 99

Memphis, the, 111

Mercedita, the, attacked, 110 et seq.

Merrimac, the, 48 et seq., 61; name changed to Virginia, 61, 62; in Hampton Roads, 63 et seq.; fight with the Monitor, 68 et seq.; repaired, 76; destroyed, 78

Mervine, Commodore Wm., 84; commands Gulf Squadron, 121 Miami, the, 98

Minnesota, the, 60, 62, 65 et seq., 82, 85

Mississippi River blockaded, 122; passes of, 126 et seq.

Mississippi, the, 11, 84, 121 et seq.

Mobile, Ala., blockaded, 35, 122 et seq., 132 et seq.

Monitor, the, built, 55; its construction, 56 et seq.; voyage to Chesapeake, 58 et seq.; at Hampton Roads, 67; fight with the Merrimac, 68 et seq., 78 et seq.; sinks, 81

Monroe, Fortress, 47 et seq., 52 Montauk, the, 216 et seq.; destroys the Nashville, 217 et

seq. Morgan, Fort, 133, 139 Morris, Captain, 187 Morris, Lieutenant, 62

Nahant, the, 117 et seq.

Nashville, the, fitted up, 215 et seq.; destroyed, 217 et seq.

Nassau, port for blockade-runners, 36 et seq., 155 et seq.

Navy, Confederate organization, etc., 21

Navy, Union organization, 1-21; condition of, in 1861, 232; at close of war, 236

Navy Yard, Norfolk, 46 et seq.; abandoned, 52 et seq.; partly destroyed, 53

Neptune, the, 147 et seq.

New Orleans, La., blockade at, 35, 46, 122

Newton, Isaac, Engineer of Monitor, 56, 58

Niagara, the, at Charleston, 34, 84, 121 et seq.

Norfolk, Va., blockaded, 35, 46 et seq., 55, 71 et seq.; surrenders, 78

OFFICERS, naval, at commencement of war, 4 et seq.
Oneida, the, 136
Oreto, the, 183
Owasco, the, 144, 144 (note)

Palmetto State, the, attempts to raise blockade of Charleston, 109 et seq. Patrick Henry, the, 64, 66 Paulding, Commodore Hiram, 51 et seq.; burns Navy Yard at Norfolk, 53 Pawnee, the, 11, 51

Pendergrast, Commodore, 82, 84

Pensacola, Fla., blockaded, 35, 46, 122 et seq., 132 Pensacola, the, 11 Ponchartrain Lake blockaded, 46 Pope, Captain John, 128, 131 Porter, Commodore David D., 90,

Port Royal, 405, 107
Port Royal, the, 77
Potomac River blockaded, 85
Powhattan, the, 11, 114, 121 et seq.
Preble, the, 128 et seq.

Privateers, the, 168 et seq.

QUAKER CITY, the, 111

RALEIGH, the, 77
Rams, at commencement of war,
3, 48, 61, 63 et seq., 97 et seq.,
109 et seq., 221

Rappahannock, the, 213 et seq. Renshaw, Commander W. B., commands expedition to Galveston, 143 et seq., 149; killed, 150

Resolute, the, 86
Rhode Island, the, 79
Richmond, the, 11, 128 et seq.
Roanoke, the, 60, 62, 65 et seq.,
66 (note)

Rodgers, Commander John, 117 et seq.

Rowan, Commander, 91

SABINE River, its importance to blockade-runners, 142 et seq. St. Lawrence, the, 62, 66 et seq., 89,

St Louis, the, 122 San Jacinto, the, 177, 194 Sassacus, the, 99

172

Savannah, Ga., blockaded, 35, 85, 87 et seg., 107, 109 Selfridge, Lieutenant, 51 Semmes, Captain, commands the Sumter, 173 et seq.; commands the Alabama, 192 et seq., 209 et seq., 222 et seq. Shenandoah, the, bought, 218; cruise of, 219 et seq., 220 Ship Island, 132 Smith, Captain Melancton, 99 Smith, Lieutenant Joseph B., 61 South Carolina, the, at Pensacola, 35; at Galveston, 35, 140 Southfield, the, sunk, 98 Steamers, disposition at commencement of war, 14; purchases of, 17 et seq., 20 et seq. Stonewall, the, 221 Stripling, Commodore Cornelius K., 123 Stringham, Commodore, appointed to command of Atlantic squadron, 82, 83 et seq., 90

Tahoma, the, 124 et seq.
Tallahassee, the, career of, 237 et seq.
Tattnall, Commodore, assumes command of naval defences of Virginia, 76; sinks Merrimae, 78
Texas, blockade and coast of, 46

Sumter, the, 172 et seq.; sold 176;

damage done by, 176

Torpedoes, invention and early history of, 3 et seq.
Tredegar Iron Works, 22, 54
Trent, the, 177 et seq.
Tuscaloosa, the, 199 et seq.
UNION, the, blockades Savannah,

Union, the, blockades Savannah, 85

VANDERBILT, the, 77, 203 et seq. Vincennes, the, 128, 130 et seq.

WACHUSETT, the, captures the Florida, 188, 202 Ward, Commodore Jas. H., 85 et

seq.; killed, 88 Water Witch, the, 122, 128 et seq. Weehawken, the, captures the At-

lanta, 117 et seq. Westfield, the, 143, 144 (note); 146 et seq.; destroyed, 150

Wilkes, Captain, 140; seizes Mason and Slidell, 177 et seq.

Wilkes, Captain Chas., commands flying squadron, 201; relieved of command, 203 et seq.

Wilmington, 85, 87 et seq.; harbor of, 91, 92 et seq.

Winslow, Lieutenant Francis, 128 et seq., 135

Worden, Lieutenant John L., commands Monitor, 56, 67 et seq.; wounded, 71, 75 (note); commands Montauk, 216 Wyalusing, the, 99